GOVERNMENT OF INDIA
POWER
LOK SABHA

UNSTARRED QUESTION NO:4617
ANSWERED ON:15.12.2016
Scheme to Energy Security Programme
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Will the Minister of POWER be pleased to state:

(a) whether the Union Government has any plans to expedite the "Green Corridor" projects to provide Grid Connectivity for green energy in the country;

(b) if so, the details thereof and if not, the reasons therefor;

(c) whether the Union Government has any special component scheme to provide support to States to implement the energy security programmes;

(d) if so, the details thereof and the funds allocated during the last three years, State/ year-wise; and

(e) the financial assistance received from the external funding agencies and international organizations to improve the energy security in the country, State/UT wise?

Answer

THE MINISTER OF STATE (INDEPENDENT CHARGE) FOR POWER,
COAL, NEW & RENEWABLE ENERGY AND MINES

(SHRI PIYUSH GOYAL)

(a) to (e) : In order to facilitate integration of large scale renewable generation capacity addition, a comprehensive scheme including Intra-State and Inter-State transmission system has been identified as a part of "Green Energy Corridors". Intra-State Transmission System is being implemented by respective State Transmission Utilities (STU) and Inter-State Transmission System is being implemented by POWERGRID.

Further, to integrate solar parks with the grid, Ministry of Power assigned POWERGRID to implement Inter-State transmission scheme for evacuation from eight (8) solar parks (7200 MW). Transmission scheme for six (6) solar parks (5750 MW) is already under implementation [Ananthapuram (1500 MW), Pavagada (2000 MW), Rewa (750 MW), Bhadla-III (500 MW), Bhadla-IV (250 MW), Essel Saurya (750 MW)]. Tender issued for Banaskantha Solar Park (700 MW), whereas Long Term Access (LTA) application for other MP solar park from the developer is awaited.

To evacuate power from the renewable capacity addition in renewable rich States (Andhra Pradesh, Gujarat, Himachal Pradesh, Karnataka, Maharashtra, Rajasthan, Madhya Pradesh and Tamil Nadu), transmission system strengthening, both Intra State and Inter State, along with setting up of Renewable Energy Management Centre (REMC) and the control infrastructure is being implemented under Green Energy Corridors (GEC).

For the funding of green energy corridors in both intra and inter State transmission projects, under the framework of cooperation between Govt. of India and Govt. of Germany, KfW Germany is providing soft loan to the tune of Euro One billion. Intra State transmission schemes under GEC are to be funded as 20% equity of the State Govt., 40% grant from National Clean Energy Fund (NCEF) and 40% soft loan, whereas, the inter State transmission schemes are to be funded as 30% equity by PGCIL and 70% as soft loan.

For Inter-state transmission projects pertaining to Part A, B and C of Green Energy Corridor, loan agreement for financial assistance of Euro 500 million from KfW, Germany has been signed by PGCIL and the projects are likely to be completed by 2018. Further, for implementation of transmission schemes under Green Energy Corridor-Part D, Powergrid has taken loan from ADB.

For Intra-state transmission projects under Green Energy Corridor; the States of Tamil Nadu, Rajasthan, Himachal Pradesh, Andhra Pradesh, Gujarat and Madhya Pradesh have signed the loan agreements from KfW, Germany for financial assistance of Euro 76 million, Euro 49 million, Euro 57 million, Euro 68 million, Euro 114 million and Euro 124 Million respectively.

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